

# INSTRUCTION CHART

## LAMINAR AIR FLOW BENCH *Model ENVIR-05-222 (Horizontal)*

**Zenith Engineers**

### INITIAL INSTRUCTIONS

1. Place the stand of the Laminar Air Flow Unit (LAF) on a level hard ground. Place the main unit of the LAF on this stand, ensuring that it is perfectly stable. Do not position the LAF close to any wall. Ensure that there is proper space for air circulation. Clean the room where the laminar is kept.
2. Stick the manometer (if present), to the front of the panel and connect to the socket on the top of the LAF unit with the rubber tube provided.
3. Connect the power cord to a 220 VAC, 5A, 1 $\Phi$  socket and switch on the main supply.

### OPERATIONAL INSTRUCTIONS

4. There are 4 switches mounted on the right hand side front of the LAF. They are marked according to their functions. One switch is for turning on the blower to operate the LAF. The switch directly below it is the switch to change the blower speed. The third is for switching on the white light and the fourth is for switching the UV tubes.
5. The transparent front door is supplied with hinged system. Three sets of magnetic catchers are provided that can be used to hold the front door up and down. Thus you can have the door at three positions to fully open, partially open and fully close the LAF.
6. To operate the LAF, start the LAF by switching on the blower switch. The blower will start, and clean air flow will be obtained. The LAF unit is now ready for use.
7. Start the UV light or the white light illumination as you want.

### PRECAUTIONS

8. Never look directly into the UV light.
9. LAF units should be cleaned with a mild, nonabrasive detergent and water. The watt fluorescent tubes and the UV tube can be replaced without the use of any tools. Simply turn the tube 90 degrees using both hands, and it should detach easily. To replace, put another tube back in place and again turn 90 degrees.

The Laminar Air Flow Unit is quality tested and warranties against any manufacturing defects are for a period of one year from date of supply to the user. ZENITH ENGINEERS makes no warranties of this Laminar Air Flow Unit applying to the suitability for any implied or inferred purpose. ZENITH ENGINEERS shall not be held liable for any accidents or for any damages that result from its use.